UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 CFR 1.53(b))

First Named Inventor or Application Identifier

Shinji SAEKI and Hisatoshi HIROTA

Express Mail Label No.

APPLICATION ELEMENTS For:

Check Box, if applicable [] Duplicate

METHOD OF CONTROLLING REFRIGERATION CYCLE

ADDRESS TO:

Attorney Docket No.

Commissioner for Patents

MAIL STOP BOX PATENT APPLICATIONS

Total Pages

P.O. Box 1450

030778

Alexandria, VA. 22313-1450

1. [XX]	Fee Transmittal Form (Incorporated within this for			
	(Submit an original and a duplicate for fee processing)			

2. [XX] Specification

Total Pages [59]

3. [XX] Drawing(s) (35 USC 113)

Total Sheets [19]

4. [XX] Oath or Declaration

Total Pages [2]

a. [XX] Newly executed (original)

Copy from prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed).

Deletion of Inventor(s)

Signed statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

Incorporation by reference (useable if box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

1 Microfiche Computer Program (Appendix)

Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

Computer Readable Copy

1 Paper Copy (identical to computer copy)

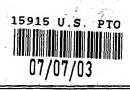
1 Statement Verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. [XX] Assignment Papers (cover sheet and documents(s)) to: TGK CO., LTD., Tokyo, Japan Please publish the assignee data with the application.

9. 37 CFR 3.73(b) Statement (when there is an assignee)

[XX] Power of Attorney



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`10. [] English translation Document (if applicable)							
11. [XX] Information Disclosure Statement [1] Copy of IDS Citations (7 references) w/PTO-1449							
12. [] Preliminary Amendment							
13. [XX] Return Receipt Postcard (MPEP 503)							
14. [] Small Entity Status is claimed.							
15. [XX] Claim for Convention Priority [XX] One Certified copy of Priority Document is enclosed a. Priority of <u>Japanese</u> application no. <u>2002-198949</u> filed on <u>July 8, 2002</u> is claimed under 35 USC 119.							
			0.0				
16. [] Other							
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:							
[] Continuation [] Division [] Continuation-in-part (CIP) of prior application no.							
			·				
FEE TRANSMITTAL The filing fee is calculated below	Number Filed	Number Extra	Rate	Basic Fee \$750.00			
Total Claims	14 - 20		x \$18.00				
Independent Claims	2 - 3		x \$84.00				
Multiple Dependent Claims							
Filing Fee	\$750.00						
Reduction by 1/2 for small entity			-				
Fee for recording enclosed Assignment	\$ 40.00						
TOTAL							

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[XX] A check in the amount of $$790.00$ is enclosed to	o cover the filing fee of \$750.00
and the assignment recordation fee of \$40.00.	

[] Please charge our Deposit Account No. 01-2340 in the total amount of _____ to cover the filing fee and the ____ assignment recordation fee. A duplicate of this sheet is attached.

[XX] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 01-2340.

18. CORRESPONDENCE ADDRESS:

Armstrong, Westerman & Hattori, LLP Suite 1000,1725 K Street, N.W. Washington, D. C. 20006

Tel: (202) 659-2930 Fax: (202) 887-0357 22950

23850

Typed or Printed Name

Donald W. Hapson

Reg. No. 27,133

Signature

Date:

: July 7, 2003

DWH:jaz